

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Zhu et al.

Serial No.: Not yet assigned

Filing Date: Concurrently herewith

For: MIXTURES OF HYDROFLUORCARBONS AND ACIDS AS
FOAM BLOWING AGENTS

Examiner: Not yet assigned

Customer No.: 000128

Art Unit: Not yet assigned

Attorney Docket: H0005235

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicants' duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

- XXX Within three (3) months of the filing date of the national application;
- _____ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- _____ Before the mailing date of a first Office Action on the merits;
- _____ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- _____ After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

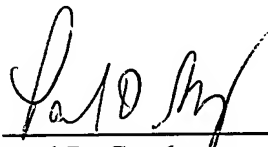
After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1); and

After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the issuance of a final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(I)(1).

Cited in the attached PTO-1449 are U.S. Patent Nos. 6545063; 6414046; 6380275; 6086788; 5696306; 5563180; 5227088; 5213707; 5162381; 5137929; 5130345; 5039442; 4997589; 4950816; 4713400; 4687787; 4562022; 4544594; 4394460; 4331619; 4228246; and 4192923. Also cited is U.S. Publication No. 2003/001377 A1. Pursuant to the waiving of the requirement of 37 CFR 1.98 (a)(2)(i), copies of these U.S. references are not enclosed.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



Paul D. Greeley
Reg. No. 31,019
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, CT 06901-2682
(203) 327-4500

November 25, 2003

Date

FORM PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

H0005235

Application Number

Not yet assigned

Applicant

Zhu et al.

Filing Date

Concurrently herewith

Group Art Unit

Not yet assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2003/0013777	1/16/03	Thornsberry	521	131	
	6,545,063	4/8/03	Bogdan et al.	521	117	
	6,414,046	7/2/02	Bogdan et al.	521	131	
	6,380,275	4/30/02	Kruecke et al.	521	131	
	6,086,788	7/11/00	Bogdan et al.	252	350	
	5,696,306	12/9/97	Ide et al.	570	109	
	5,563,180	10/8/96	Skowronski et al.	521	125	
	5,227,088	7/13/93	Swan et al.	510	408	
	5,213,707	5/25/93	Swan et al.	510	408	
	5,162,381	11/10/92	Richard et al.	521	89	
	5,130,345	7/14/92	Li et al.	521	131	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

H0001498US

Application Number

Not yet assigned

Applicant

Zhu et al.

Filing Date

Concurrently herewith

Group Art Unit

Not yet assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,039,442	8/13/91	Swan et al.	510	408	
	4,713,400	12/15/87	Zwolinski et al.	521	131	
	4,687,787	8/18/87	Zwolinski et al.	521	131	
	4,562,002	12/31/85	Neiditch et al.	510	516	
	4,394,460	7/19/83	Chung et al.	521	92	
	4,192,923	3/11/80	Tajkowski	521	117	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.